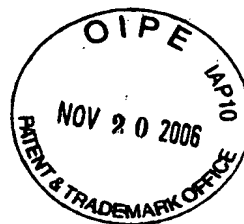




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SEQUENCE LISTING

<110> TRANSGENE SA  
ERBS, Philippe

<120> Polypeptide having an improved Cytosine deaminase  
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<130> D21447

<140> PCT/IB2004/002505

<141> 2004 - 06 - 29

<150> US 60/508 274

<151> 2003-10-06

<150> EP 03/360 087

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Gly His Asn Met Arg Phe Gln Lys Gly Ser Ala Thr Leu His Gly Glu  
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Ile Ser Thr Leu Glu Asn Cys Gly Arg Leu Glu Gly Lys Val Tyr Lys  
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Asp Thr Thr Leu Tyr Thr Thr Leu Ser Pro Cys Asp Met Cys Thr Gly  
85 90 95

Ala Ile Ile Met Tyr Gly Ile Pro Arg Cys Val Val Gly Glu Asn Val  
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 Asn Phe Lys Ser Lys Gly Glu Lys Tyr Leu Gln Thr Arg Gly His Glu  
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 Val Val Val Val Asp Asp Glu Arg Cys Lys Lys Ile Met Lys Gln Phe  
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 Glu Pro Phe Lys Asn Val Tyr Leu Leu Pro Gln Thr Asn Gln Leu Leu  
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 Gly Leu Tyr Thr Ile Ile Ser Asn Lys Asn Thr Thr Arg Pro Asp Phe  
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 225 230 235 240  
 Val Arg Ala Gly Glu Ser Met Glu Gln Gly Leu Arg Asp Cys Cys Arg  
 245 250 255  
 Ser Val Arg Ile Gly Lys Ile Leu Ile Gln Arg Asp Glu Glu Thr Ala  
 260 265 270  
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 Tyr Val Phe Leu Leu Asp Pro Met Leu Ala Thr Gly Gly Ser Ala Ile  
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 Pro Asp Phe Ile Phe Tyr Ser Asp Arg Ile Ile Arg Leu Leu Val Glu  
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